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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/880,876		
		Filing Date	June 15, 2001		
		First Named Inventor	Yoshiaki Hirano		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	21581-268-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DRW	AA	4,863,646	09-05-1989	Watanabe et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
DRW	BA	GB-2277915 A	11-16-1994			X
	BB	GB-852,306	10-26-1960			X
	BC	EP-0866088 A1	09-23-1998			X
	BD	DE-3508439 A1	09-26-1985			X

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	DRW ILSON	Date Considered	12/02
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INFORMATION DISCLOSURE CITATION

OCT 09 2001

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Atty Docket
21581/0268Serial No.
09/880,876Applicant
Yoshiaki Hirano et al.Filing Date
June 15, 2001Group Art Unit
1713

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
DRW	AA	3,716,481	2/73	Battaerd	210	32	
1	AB	3,891,576	6/75	Battaerd et al	260	2.1R	
DRW	AC	3,941,724	3/76	Bolto	260	2.1R	

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		Document Number	Date	Country	Class	Sub-Class	Translation
DRW	AD	EP 1 022 058 A1	7/00	EPO	—	—	Yes No
	AE	JP 4-311710	11/92	JP	—	—	Yes No
	AF	JP 2-41528	9/90	JP	—	—	Yes No
	AG	JP 3130642	11/00	JP	—	—	Yes No
	AH	JP 11-12206	1/99	JP	—	—	Yes No
	AI	WO 97/19043	5/97	WIPO	—	—	
	AJ	WO 85/04393	10/85	WIPO	—	—	
	AK	JP 9-508136	8/97	JP	—	—	
	AL	JP 49-31631	8/74	JP	—	—	
	AM	EP 0 841 350 A1	5/98	EPO	—	—	
DRW	AN	EP 0 970 937 A1	1/00	EPO	—	—	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

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